

**LISTING OF THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. **(Currently Amended)** A method ~~of managing messages in a trading network~~, comprising:

receiving by a computing server from a first broker via a first computing terminal a request by the first broker to manage trading orders, via a trading system, on behalf of a user,  
wherein to manage trading orders via the trading system includes at least:

to submit, on behalf of the user, trading orders to the  
trading system,

to modify, on behalf of the user, existing trading orders on  
the trading system, and

to cancel, on behalf of the user, existing trading orders on  
the trading system, and

wherein the computing server and the first computing terminal are  
communicatively coupled via a communications network;

based at least in part on receiving the request from the first broker, storing by the  
computing server a set of user first data that indicates a relationship[[s]] between [[a]] the first  
user broker and one or more second the user[[s]], wherein the relationship between the first  
broker and the user indicates that the first broker is authorized, via the trading system, to manage  
trading orders act on behalf of the first user;

receiving by the computing server from a second broker via a second computing terminal  
a request by the second broker to manage trading orders, via the trading system, on behalf of the  
user, wherein the computing server and the second computing terminal are communicatively  
coupled via the communications network;

based at least in part on receiving the request from the second broker, storing by the  
computing server second data that indicates a relationship between the second broker and the  
user, wherein the relationship between the second broker and the user indicates that the second

broker is authorized, via the trading system, to manage trading orders on behalf of the user;

receiving by the computing server from the first broker via the first computing terminal a trading order submitted by the first broker on behalf of the user, wherein the trading order comprising at least one of a bid to buy and an offer to sell a financial instrument;

communicating by the computing server the trading order to the trading system;

receiving by the computing server from [[a]] the trading system a trading message that is directed to the user and is ~~regarding in response to [[a]] the trading order submitted on behalf of the first user;~~

~~communicating the trading message to the first user;~~

based at least in part on the trading message being directed to the user, identifying by the computing server, from at least the set of user first and the second stored data, brokers having a relationship[[s]] ~~each of with the second user[[s]], including identifying at least the first broker and the second broker;~~

~~for each of the identified second users, generating a carrier message that includes the trading message and routing information associated with that second user; and~~

~~based at least in part on identifying the first broker for each of the identified second users, communicating by the computing server the respective carrier trading message to the first broker via the first computing terminal toward a user application associated with that second user based at least on the routing information included in the respective carrier message; and~~

~~based at least in part on identifying the second broker, communicating by the computing server the trading message to the second broker via the second computing terminal.~~

Claim 2 (Canceled).

3. (Currently Amended) The method of claim 1,

wherein communicating the trading message to the first broker comprises:

generating a first carrier message that includes ~~wherein~~ (i) the trading message is encapsulated within each carrier message and (ii) routing information associated with the first computing terminal; and

communicating the first carrier message to the first computing terminal;  
and  
wherein communicating the trading message to the second broker comprises:  
generating a second carrier message that includes (i) the trading message  
and (ii) routing information associated with the second computing terminal; and  
communicating the second carrier message to the second computing  
terminal.

Claim 4 (**Canceled**).

5. (**Currently Amended**) An apparatus system for managing messages in a trading network, comprising at least one computing server that includes instructions, that when executed by the at least one computing server, direct the at least one computing server proxy module operable to:

receive from a first broker via a first computing terminal a request by the first broker to manage trading orders, via a trading system, on behalf of a user,

wherein to manage trading orders via the trading system includes at least:

to submit, on behalf of the user, trading orders to the trading system,

to modify, on behalf of the user, existing trading orders on the trading system, and

to cancel, on behalf of the user, existing trading orders on the trading system, and

wherein the at least one computing server is operable to communicate with the first computing terminal via a communications network;

based at least in part on receiving the request from the first broker, store first data that indicates a set of user-relationship[[s]] between [[a]] the first user-broker and one or more second the user[[s]], wherein the relationship between the first broker and the user indicates that the first broker is authorized, via the trading system, to manage trading orders to act on behalf of the first

user;

receive from a second broker via a second computing terminal a request by the second broker to manage trading orders, via the trading system, on behalf of the user, wherein the at least one computing server is operable to communicate with the second computing terminal via the communications network;

based at least in part on receiving the request from the second broker, store second data that indicates a relationship between the second broker and the user, wherein the relationship between the second broker and the user indicates that the second broker is authorized, via the trading system, to manage trading orders on behalf of the user;

receive from the first broker via the first computing terminal a trading order submitted by the first broker on behalf of the user, wherein the trading order comprising at least one of a bid to buy and an offer to sell a financial instrument;

communicate the trading order to the trading system;

receive from [[a]] the trading system a trading message that is directed to the user and is regarding response to [[a]] the trading order submitted on behalf of the first user;

communicate the trading message to the first user;

based at least in part on the trading message being directed to the user, identify from at least the first and the second stored data set of user brokers having a relationship[[s]] each of with the second user[[s]], including indentifying at least the first broker and the second broker;

for each of the identified second users, generate a carrier message that includes the trading message and routing information associated with that second user; and

based at least in part on for each of the identified identifying the first broker second users, communicate the respective carrier message toward trading message to the first broker via the first computing terminal a user application associated with that second user based at least on the routing information included in the respective carrier message; and

based at least in part on identifying the second broker, communicate the trading message to the second broker via the second computing terminal.

Claim 6 (**Canceled**).

7. **(Currently Amended)** The ~~system apparatus~~ of claim 5,

wherein to communicate the trading message to the first broker comprises to:

generate a first carrier message that includes ~~wherein~~ (i) the trading message is encapsulated within each carrier message and (ii) routing information associated with the first computing terminal; and

communicate the first carrier message to the first computing terminal; and

wherein to communicate the trading message to the second broker comprises to:

generate a second carrier message that includes (i) the trading message and (ii) routing information associated with the second computing terminal; and

communicate the second carrier message to the second computing terminal.

Claim 8 **(Canceled)**.

9. **(Currently Amended)** A method of ~~managing messages in a trading network~~, comprising:

receiving by a computing server from a first broker via a first computing terminal a request by the first broker to manage trading orders, via a trading system, on behalf of a user,

wherein to manage trading orders via the trading system includes at least:

to submit, on behalf of the user, trading orders to the trading system,

to modify, on behalf of the user, existing trading orders on the trading system, and

to cancel, on behalf of the user, existing trading orders on the trading system, and

wherein the computing server and the first computing terminal are communicatively coupled via a communications network;

based at least in part on receiving the request from the first broker, storing by the

computing server first data, wherein the first data:

(i) indicates a set of user relationship[[s]] between [[a]] the first broker user and one or more second the user[[s]], wherein the relationship between the first broker and the user indicates that the first broker is authorized, via the trading system, to manage trading orders act on behalf of the first user in a particular trading system; and

(ii) storing indicates an association between:

(a) a particular connection with-between the computing server and the trading system, the connection being one plurality of connections between the computing server and the trading system, and a first user

(b) the relationship between the first broker and the user and a particular second user, the particular connection being one of a plurality of connections;

receiving by the computing server from a user application associated with the particular second user first broker via the first computing terminal a carrier message including a trading message command submitted by the first broker on behalf of the user, the trading message command comprising a message regarding a trading order information that identifies the user; separating the trading message from the carrier message;

based at least in part on the information from the trading command that identifies the user, identifying by the computing server from the first data the relationship between the first broker and the user;

based at least in part on the association between the connection and the identified relationship between the first broker and the user, identifying by the computing server the particular connection from the plurality of connections based at least on information within the trading message and the stored association; and

based at least in part on identifying the connection, forwarding communicating by the computing server the trading message command to the particular trading system via the identified particular connection.

Claim 10 (**Canceled**).

11. (**Currently Amended**) The method of claim 9,  
wherein receiving the trading command from the first broker comprises receiving from the first computing terminal the trading message is encapsulated within each a carrier message that includes the trading command; and  
wherein the method further comprises separating by the computing server the trading message command from the carrier message comprises de-encapsulating the trading message from the carrier message prior to communicating the trading command to the trading system.

12. (**Currently Amended**) The method of claim 9, wherein the trading ~~message~~  
command communicated by the computing server to the trading system represents a trading message command that would be generated by an application a computing terminal associated with the first user if the first user were to submit the trading order command.

13. (**Currently Amended**) The method of claim 9, wherein the trading ~~message~~  
command received from the first broker comprises an instruction by the second user to place a new trading order submitted by the first broker on behalf of the first user, wherein the trading order comprises at least one of a bid to buy and an offer to sell a financial instrument.

14. (**Currently Amended**) The method of claim 9,  
wherein the method further comprises:  
receiving by the computing server from the first broker via the first computing terminal a trading order submitted by the first broker on behalf of the user, wherein the trading order comprises at least one of a bid to buy and an offer to sell a financial instrument; and  
communicating by the computing server the trading order to the trading system; and

wherein the trading ~~message~~ command received from the first broker comprises at least one of:

a command submitted by the first broker on behalf of the user an instruction by the second user to manage a change at least one of a price and a size associated with the trading order, and previously placed by the second user on behalf of the first user

a command submitted by the first broker on behalf of the user to cancel the trading order.

15. **(Currently Amended)** The method of claim [[14]] 59, wherein the trading ~~message~~ command received from the first broker comprises an instruction a command submitted by the second user first broker on behalf of the user to change at least one of a price and a size associated with the trading order submitted by the second broker.

16. **(Currently Amended)** The method of claim [[14]] 59, wherein the trading ~~message~~ command received from the first broker comprises an instruction a command submitted by the second user first broker to cancel the trading order submitted by the second broker.

Claims 17-19 **(Canceled)**.

20. **(Currently Amended)** The method of claim 9, further comprising:  
receiving by the computing server from the particular trading system a trading system trading message that is directed to the user and is in response to the trading message command received from the second user;  
~~communicating the trading message to the first user;~~  
based at least in part on the trading message being directed to the user, identifying by the computing server, from at least the first stored data, brokers having set of user a relationship[[s]] each of with the second user[[s]], authorized to act on behalf of the first user including identifying at least the first broker;



~~for each of the identified second users, generating a carrier message that includes the trading system trading message and routing information associated with that second user; and~~  
~~based at least in part on for each of the identifyingied second users~~ the first broker,  
~~communicating by the computing server the respective carriertrading message toward a user application associated with that second user based at least on the routing information included in the respective carrier message to the first broker via the first computing terminal.~~

Claim 21 (Canceled).

22. (Currently Amended) The method of claim 9, further comprising:  
receiving by the computing server from a second broker via a second computing terminal  
a request by the second broker to manage trading orders, via the trading system, on behalf of the  
user, wherein the computing server and the second computing terminal are communicatively  
coupled via the communications network;

based at least in part on receiving the request from the second broker, storing by the  
computing server second data, wherein the second data:

(i) indicates a relationship between the second broker and the user,  
wherein the relationship between the second broker and the user indicates that the  
second broker is authorized, via the trading system, to mange trading orders on  
behalf of the user, and

(ii) indicates an additional association between:

(a) the particular connection between the computing server and  
with the trading system, and

(b) thea first user relationship between the second broker and  
firstthe user and an additional one of the second users;

receiving by the computing server from a user application associated with the additional  
second user broker via the second computing terminal an additional carrier message including a  
trading messagecommand submitted by the second broker on behalf of the user, the additional  
trading message command comprising a message regarding the trading order information that

identifies the user;

~~separating the additional trading message from the additional carrier message;~~

based at least in part on the information from the additional trading command that identifies the user, identifying by the computing server from the second data the relationship between the second broker and the user;

based at least in part on the association between the connection and the identified relationship between the second broker and the user ~~additional, identifying by the computing server the particular connection from the plurality of connections based at least on information within the trading message and the stored additional association;~~ and

communicating forwarding by the computing server the additional trading message command to the particular trading system via the identified particular connection.

23. **(Currently Amended)** The method of claim ~~[[9]]~~ 22, wherein ~~[[:]]~~ the trading ~~message command received from the first broker comprises an instruction by the second user to place a trading order~~ submitted by the first broker on behalf of the first user, and wherein the trading order comprises at least one of a bid to buy and an offer to sell a financial instrument.

~~the additional trading message comprises an instruction by the additional second user to manage the trading order placed by the second user.~~

24. **(Currently Amended)** The method of claim 23, wherein the additional trading ~~message command received from the second broker comprises an instruction~~ a command submitted by the additional-second user broker on behalf of the user to change at least one of a price and a size associated with the trading order submitted by the first broker.

25. **(Currently Amended)** The method of claim 23, wherein the additional trading ~~message command received from the second broker comprises an instruction~~ a command submitted by the additional-second user broker of behalf of the user to cancel the trading order submitted by the first broker.

26. (Currently Amended) ~~An system for managing messages in a trading network~~  
~~apparatus, comprising at least one computing server that includes instructions, that when~~  
~~executed by the at least one computing server, direct the at least one computing server a client~~  
~~application operable to:~~

receive from a first broker via a first computing terminal a request by the first broker to  
manage trading orders, via a trading system, on behalf of a user,

wherein to manage trading orders via the trading system includes at least:

to submit, on behalf of the user, trading orders to the  
trading system,

to modify, on behalf of the user, existing trading orders on  
the trading system, and

to cancel, on behalf of the user, existing trading orders on  
the trading system, and

wherein the at least one computing server is operable to communicate with  
the first computing terminal via a communications network;

based at least in part on receiving the request from the first broker, store first data,  
wherein the first data:

(i) indicates a set of user-relationship[[s]] between [[a]] the first broker and  
the user, wherein the relationship between the first broker and one or more  
second the user[[s]] indicates that the first broker is authorized, via the trading  
system, to act manage trading orders on behalf of the first user in a particular  
trading system;, and

(ii) indicates store an association between;

(a) a particular connection between with the at least one  
computing server and the trading system, the connection being one  
plurality of connections between the at least one computing server  
and the trading system, and

(b) the a first user-relationship between the first broker and  
the user and a particular second user, the particular connection

~~being one of a plurality of connections;~~

~~receive from a user application associated with the particular second user first broker via the first computing terminal a carrier message including a trading message command, the trading message command comprising a message regarding a trading order information that identifies the user;~~

~~separate the trading message from the carrier message;~~

~~based at least in part on the information from the trading command that identifies the user, identify from the first data the relationship between the first broker and the user;~~

~~based at least in part on the association between the connection and the identified relationship between the first broker and the user, identify the particular connection from the plurality of connections based at least on information within the trading message and the stored association; and~~

~~based at least in part on identifying the connection, communicate forward the trading message command to the particular trading system via the identified particular connection.~~

Claim 27 (**Canceled**).

28. (**Currently Amended**) The ~~system apparatus~~ of claim 26, wherein ~~[[:]]~~ to receive the trading message command from the first broker comprises to receive from the first computing terminal is encapsulated within each a carrier message that includes the trading command[[,]]; and

wherein the instructions, when executed by the at least one computing server, further direct the at least one computing server to separateing the trading message command from the carrier message comprises de-encapsulating the trading message from the carrier message prior to communicating the trading command to the trading system.

29. (**Currently Amended**) The ~~system apparatus~~ of claim 26, wherein the trading message command communicated by the at least one computing server to the trading system represents a trading message command that would be generated by ~~an application a computing~~

terminal associated with the ~~first~~-user if the ~~first~~-user were to submit the trading ~~order~~command.

30. **(Currently Amended)** The ~~system-apparatus~~ of claim 26, wherein the trading ~~message-command~~ received from the first broker comprises ~~an instruction by the second user to place a new trading order submitted by the first broker on behalf of the first user, wherein the trading order comprises at least one of a bid to buy and an offer to sell a financial instrument.~~

31. **(Currently Amended)** The ~~system-apparatus~~ of claim 26, wherein the instructions, when executed by the at least one computing server, further direct the at least one computing server to:

receive from the first broker via the first computing terminal a trading order submitted by the first broker on behalf of the user, wherein the trading order comprises at least one of a bid to buy and an offer to sell a financial instrument;  
and

communicate the trading order to the trading system; and

wherein the trading ~~message-command~~ received from the first broker comprises at least one of:

a command submitted by the first broker on behalf of the user an instruction by the second user to manage a change at least one of a price and a size associated with the trading order, and previously placed by the second user on behalf of the first user

a command submitted by the first broker on behalf of the user to cancel the trading order.

32. **(Currently Amended)** The ~~system-apparatus~~ of claim ~~[[31]]~~ 70, wherein the trading ~~message-command~~ received from the first broker comprises ~~an instruction by the second user a command submitted by the first broker on behalf of the user to change at least one of a price and a size associated with the trading order submitted by the second broker.~~

33. **(Currently Amended)** The ~~system apparatus~~ of claim ~~[[31]]~~ 70, wherein the trading ~~message command~~ received from the first broker ~~comprises an instruction by the second user a~~ command submitted by the first broker on behalf of the user to cancel the trading order submitted by the second broker.

Claims 34-36 (**Canceled**).

37. **(Currently Amended)** The ~~system apparatus~~ of claim 26, wherein the ~~client application is~~ instructions, when executed by the at least one computing server, further operable direct the at least one computing server to:

receive from the particular trading system a trading system trading message that is directed to the user and is in response to the trading message command received from the second user;

communicate the trading message to the first user;

based at least in part on the trading message being directed to the user, identify from at least the first stored data brokers having set of user a relationship[[s]] each of with the second user[[s]], authorized to act on behalf of the first user including identifying at least the first broker;

for each of the identified second users, generate a carrier message that includes the trading system trading message and routing information associated with that second user; and

based at least in part on for each of the identifyingied second users the first broker, communicate the respective carrier trading message toward a user application associated with that second user based at least on the routing information included in the respective carrier message to the first broker via the first computing terminal.

Claim 38 (**Canceled**).

39. **(Currently Amended)** The ~~system apparatus~~ of claim 26, wherein the ~~client application is~~ instructions, when executed by the at least one computing server, further operable

direct the at least one computing server to:

receive from a second broker via a second computing terminal a request by the second broker to manage trading orders, via the trading system, on behalf of the user, wherein the at least one computing server is operable to communicate with the second computing terminal via the communications network;

based at least in part on receiving the request from the second broker, store second data, wherein the second data:

(i) indicates a relationship between the second broker and the user, wherein the relationship between the second broker and the user indicates that the second broker is authorized, via the trading system, to manage trading orders on behalf of the user, and

(ii) indicates an ~~additional~~ association between:

(a) the ~~particular~~ connection between the at least one computing server and ~~with~~ the trading system, and

(b) the ~~a first user~~ relationship between the second broker and ~~first the user and an additional one of the second users;~~

receive from ~~a user application associated with the additional second user broker via the second computing terminal~~ an additional ~~carrier message including a trading message command~~ submitted by the second broker on behalf of the user, the additional trading ~~message command~~ comprising a message regarding the trading order information that identifies the user;

~~separate the additional trading message from the additional carrier message;~~

based at least in part on the information from the additional trading command that identifies the user, identify from the second data the relationship between the second broker and the user;

based at least in part on the association between the connection and the identified relationship between the second broker and the user, identify the ~~particular~~ connection from the plurality of connections ~~based at least on information within the trading message and the stored additional association;~~ and

communicate ~~forward~~ the additional trading ~~message command~~ to the ~~particular~~ trading

system via the ~~identified particular~~ connection.

40. **(Currently Amended)** The ~~system-apparatus~~ of claim ~~[[26]]~~ 39, wherein~~[[:]]~~ the trading ~~message-command~~ received from the first broker comprises ~~an instruction by the second user to place a trading order~~ submitted by the first broker on behalf of the first user, and wherein the trading order comprises at least one of a bid to buy and an offer to sell a financial instrument.

~~the additional trading message comprises an instruction by the additional second user to manage the trading order placed by the second user.~~

41. **(Currently Amended)** The ~~system-apparatus~~ of claim 40, wherein the additional trading ~~message-command~~ received from the second broker comprises ~~an instruction a command~~ submitted by the additional second user-broker on behalf of the user to change at least one of a price and a size associated with the trading order submitted by the first broker.

42. **(Currently Amended)** The ~~system-apparatus~~ of claim 40, wherein the additional trading ~~message-command~~ received from the second broker comprises ~~an instruction a command~~ submitted by the additional second user-broker on behalf of the user to cancel the trading order submitted by the first broker.

43. **(New)** The method of claim 1, further comprising the computing server communicating the trading message to the user via another computing terminal.

44. **(New)** The method of claim 1,  
wherein the method further comprises:

based at least in part on receiving the request from the first broker,  
determining by the computing server that the first broker is authorized to manage trading orders via the trading system on behalf of the user; and

based at least in part on receiving the request from the second broker,  
determining by the computing server that the second broker is authorized to



manage trading orders via the trading system on behalf of the user;  
wherein storing the first data comprises storing the first data based at least in part on determining that the first broker is authorized; and  
wherein storing the second data comprises storing the second data based at least in part on determining that the second broker is authorized.

45. **(New)** The method of claim 1, further comprising:

based at least in part on receiving the request from the second broker, communicating by the computing server to the first broker via the first computing terminal that the second broker is authorized, on behalf of the user, to manage trading orders via the trading system.

46. **(New)** The method of claim 45, further comprising:

based at least in part on receiving the request from the second broker, communicating by the computing server to the user via another computing terminal that the second broker is authorized, on behalf of the user, to manage trading orders via the trading system.

47. **(New)** The method of claim 1, further comprising:

receiving by the computing server from the user via another computing terminal another trading order, wherein the another trading order comprising at least one of a bid to buy and an offer to sell the financial instrument;

communicating by the computing server the another trading order to the trading system;

receiving by the computing server from the trading system another trading message that is directed to the user and is in response to the another trading order;

based at least in part on the another trading message being directed to the user, identifying by the computing server, from at least the first and the second stored data, brokers having a relationship with the user, including indentifying at least the first broker and the second broker;  
and

based at least in part on identifying the first broker and the second broker as a result of receiving the another trading message,

communicating by the computing server the another trading message to the first broker via the first computing terminal, and

communicating by the computing server the another trading message to the second broker via the second computing terminal.

48. **(New)** The method of claim 1, further comprising:

based at least in part on receiving the request from the first broker, sending by the computing server to the trading system a login request on behalf of the user.

49. **(New)** The apparatus of claim 5, wherein the instructions, when executed by the at least one computing server, further direct the at least one computing server to communicate the trading message to the user via another computing terminal.

50. **(New)** The apparatus of claim 5,

wherein the instructions, when executed by the at least one computing server, further direct the at least one computing server to:

based at least in part on receiving the request from the first broker,  
determine that the first broker is authorized to manage trading orders via the trading system on behalf of the user; and

based at least in part on receiving the request from the second broker,  
determine that the second broker is authorized to manage trading orders via the trading system on behalf of the user;

wherein to store the first data comprises to store the first data based at least in part on determining that the first broker is authorized; and

wherein to store the second data comprises to store the second data based at least in part on determining that the second broker is authorized.

51. **(New)** The apparatus of claim 5, wherein the instructions, when executed by the at least one computing server, further direct the at least one computing server to:

based at least in part on receiving the request from the second broker, communicate to the first broker via the first computing terminal that the second broker is authorized, on behalf of the user, to manage trading orders via the trading system.

52. **(New)** The apparatus of claim 51, wherein the instructions, when executed by the at least one computing server, further direct the at least one computing server to:

based at least in part on receiving the request from the second broker, communicate to the user via another computing terminal that the second broker is authorized, on behalf of the user, to manage trading orders via the trading system.

53. **(New)** The apparatus of claim 5, wherein the instructions, when executed by the at least one computing server, further direct the at least one computing server to:

receive from the user via another computing terminal another trading order, wherein the another trading order comprising at least one of a bid to buy and an offer to sell the financial instrument;

communicate the another trading order to the trading system;

receive from the trading system another trading message that is directed to the user and is in response to the another trading order;

based at least in part on the another trading message being directed to the user, identify from at least the first and the second stored data, brokers having a relationship with the user, including indentifying at least the first broker and the second broker; and

based at least in part on identifying the first broker and the second broker as a result of receiving the another trading message,

communicate the another trading message to the first broker via the first computing terminal, and

communicate the another trading message to the second broker via the second computing terminal.

54. **(New)** The apparatus of claim 5, wherein the instructions, when executed by the at

least one computing server, further direct the at least one computing server to:

based at least in part on receiving the request from the first broker, send to the trading system a login request on behalf of the user.

55. **(New)** The method of claim 9,

wherein the method further comprises:

based at least in part on receiving the request from the first broker,  
determining by the computing server that the first broker is authorized to manage  
trading orders via the trading system on behalf of the user; and

wherein storing the first data comprises storing the first data based at least in part on  
determining that the first broker is authorized.

56. **(New)** The method of claim 9, further comprising:

based at least in part on receiving the request from the first broker, communicating by the  
computing server to at least one other broker via another computing terminal that the first broker  
is authorized, on behalf of the user, to manage trading orders via the trading system.

57. **(New)** The method of claim 56, further comprising:

based at least in part on receiving the request from the first broker, communicating by the  
computing server to the user via a further computing terminal that the first broker is authorized,  
on behalf of the user, to manage trading orders via the trading system.

58. **(New)** The method of claim 9, further comprising:

based at least in part on receiving the request from the first broker, sending by the  
computing server to the trading system a login request on behalf of the user.

59. **(New)** The method of claim 9, further comprising:

receiving by the computing server from a second broker via a second computing terminal  
a trading order submitted by the second broker on behalf of the user, wherein the trading order

comprises at least one of a bid to buy and an offer to sell a financial instrument; and  
communicating by the computing server the trading order to the trading system.

60. **(New)** The method of claim 9, further comprising:  
receiving by the computing server from the user via another computing terminal a trading order submitted by the user, wherein the trading order comprises at least one of a bid to buy and an offer to sell a financial instrument; and  
communicating by the computing server the trading order to the trading system.

61. **(New)** The method of claim 60, wherein the trading command received from the first broker comprises a command submitted by the first broker on behalf of the user to change at least one of a price and a size associated with the trading order submitted by the user.

62. **(New)** The method of claim 60, wherein the trading command received from the first broker comprises a command submitted by the first broker on behalf of the user to cancel the trading order submitted by the user.

63. **(New)** The method of claim 20, further comprising the computing server communicating the trading message to the user via another computing terminal.

64. **(New)** The method of claim 20, further comprising the computing server communicating the trading message to at least a second broker via a second computing terminal.

65. **(New)** The method of claim 22, further comprising:  
receiving by the computing server from the trading system a trading message that is directed to the user;  
based at least in part on the trading message being directed to the user, identifying by the computing server, from at least the first and the second stored data, brokers having a relationship with the user, including identifying at least the first broker and the second broker;

based at least in part on identifying the first broker, communicating by the computing server the trading message to the first broker via the first computing terminal; and

based at least in part on identifying the second broker, communicating by the computing server the trading message to the second broker via the second computing terminal.

66. **(New)** The apparatus of claim 26, wherein the instructions, when executed by the at least one computing server, further direct the at least one computing server to:

based at least in part on receiving the request from the first broker, determine that the first broker is authorized to manage trading orders via the trading system on behalf of the user; and

wherein to store the first data comprises to store the first data based at least in part on determining that the first broker is authorized.

67. **(New)** The apparatus of claim 26, wherein the instructions, when executed by the at least one computing server, further direct the at least one computing server to:

based at least in part on receiving the request from the first broker, communicate to at least one other broker via another computing terminal that the first broker is authorized, on behalf of the user, to manage trading orders via the trading system.

68. **(New)** The apparatus of claim 67, wherein the instructions, when executed by the at least one computing server, further direct the at least one computing server to:

based at least in part on receiving the request from the first broker, communicate to the user via a further computing terminal that the first broker is authorized, on behalf of the user, to manage trading orders via the trading system.

69. **(New)** The apparatus of claim 26, wherein the instructions, when executed by the at least one computing server, further direct the at least one computing server to:

based at least in part on receiving the request from the first broker, send to the trading

system a login request on behalf of the user.

70. **(New)** The apparatus of claim 26, wherein the instructions, when executed by the at least one computing server, further direct the at least one computing server to:

receive from a second broker via a second computing terminal a trading order submitted by the second broker on behalf of the user, wherein the trading order comprise at least one of a bid to buy and an offer to sell a financial instrument; and  
communicate the trading order to the trading system.

71. **(New)** The apparatus of claim 26, wherein the instructions, when executed by the at least one computing server, further direct the at least one computing server to:

receive from the user via another computing terminal a trading order submitted by the user, wherein the trading order comprises at least one of a bid to buy and an offer to sell a financial instrument; and  
communicate the trading order to the trading system.

72. **(New)** The apparatus of claim 71, wherein the trading command received from the first broker comprises a command submitted by the first broker on behalf of the user to change at least one of a price and a size associated with the trading order submitted by the user.

73. **(New)** The apparatus of claim 71, wherein the trading command received from the first broker comprises a command submitted by the first broker on behalf of the user to cancel the trading order submitted by the user.

74. **(New)** The method of claim 37, wherein the instructions, when executed by the at least one computing server, further direct the at least one computing server to communicate the trading message to the user via another computing terminal.

75. **(New)** The method of claim 37, wherein the instructions, when executed by the at

least one computing server, further direct the at least one computing server to communicate the trading message to at least a second broker via a second computing terminal.

76. (New) The apparatus of claim 39, wherein the instructions, when executed by the at least one computing server, further direct the at least one computing server to:

receive from the trading system a trading message that is directed to the user;

based at least in part on the trading message being directed to the user, identify from at least the first and the second stored data brokers having a relationship with the user, including identifying at least the first broker and the second broker;

based at least in part on identifying the first broker, communicate the trading message to the first broker via the first computing terminal; and

based at least in part on identifying the second broker, communicate the trading message to the second broker via the second computing terminal.